

L Number	Hits	Search Text	DB	Time stamp
1	9	("6403203" "5750270" "4687712" "6468670").pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 12:37
2	4	("6403203" "5750270" "4687712" "6468670").pn.	USPAT	2003/04/01 12:36
3	201701	(magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 12:38
4	7787	((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 12:39
5	364	((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 12:41
6	2262	((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (soft keeper Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 12:42
7	999	((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 12:42
8	218	(((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (soft keeper Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al)) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 12:43
9	107	(((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (soft keeper Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al)) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))) not (spin\$1valve (spin adj valve) GMR AMR magneto\$1resistive).ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 12:56
10	226	(((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 12:55

11	119	<p>((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))) not (((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (soft keeper Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al)) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))) not (spin\$1valve (spin adj valve) GMR AMR magneto\$1resistive).ti.)</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	2003/04/01 12:55
12	52	<p>((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))) not (((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (soft keeper Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al)) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))) not (spin\$1valve (spin adj valve) GMR AMR magneto\$1resistive).ti.)) not (magneto\$1resistive\$1 (magnetic adj head) (tunnel adj junction)).ti.</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	2003/04/01 12:57

13	6	<p>((((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and (((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))) not (((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and (((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (soft keeper Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al)) and (((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))) not (spin\$1valve (spin adj valve) GMR AMR magneto\$1resistive).ti.)) not (magneto\$1resistive\$1 (magnetic adj head) (tunnel adj junction)).ti.) not (spin\$1valve (spin adj valve) GMR AMR magneto\$1resistive).ti.</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 12:57
14	138	<p>(((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) not ((((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and (((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (soft keeper Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al)) and (((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))) not (spin\$1valve (spin adj valve) GMR AMR magneto\$1resistive).ti.)) (((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and (((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))) not (((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and (((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (soft keeper Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al)) and (((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))) not (spin\$1valve (spin adj valve) GMR AMR magneto\$1resistive).ti.)))</p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 12:56

15	87	<p> ((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) not ((((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (soft keeper Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al)) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))) not (spin\$1valve (spin adj valve) GMR AMR magneto\$1resistive).ti.) ((((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))) not ((((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (soft keeper Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al)) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))) not (spin\$1valve (spin adj valve) GMR AMR magneto\$1resistive).ti.))))) not (magneto\$1resistive\$1 (magnetic adj head) (tunnel adj junction)).ti. </p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 12:57
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17	79	<p> ((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) not ((((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (soft keeper Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al)) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))) not (spin\$1valve (spin adj valve) GMR AMR magneto\$1resistive).ti.) ((((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))) not ((((((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (anti\$1ferro\$1magneti\$2 (anti adj ferro\$1magneti\$2) (anti\$1ferro\$1 adj magneti\$2) (anti adj ferro adj magneti\$2))) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (soft keeper Ni\$1Fe Fe\$1Ni permalloy sendust Fe\$1Al\$1Si Fe\$1Si\$1Al)) and (((magnetic adj (recording medium disk disc tape ribbon media)).ti,ab,clm.) and ((perpendicular vertical) near4 (anisotropy magnetization easy recording))) and (Ru Rh Re Ir ruthenium))) not (spin\$1valve (spin adj valve) GMR AMR magneto\$1resistive).ti.))))) not (magneto\$1resistive\$1 (magnetic adj head) (tunnel adj junction)).ti.) not (spin\$1valve (spin adj valve) GMR AMR magneto\$1resistive).ti. </p>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/01 12:57
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